Pavan Babu Chalapati
Business Analyst

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Summary

Highly motivated Business Analyst with over 5 years of experience in the financial and healthcare sectors, delivering impactful solutions that optimize processes and support business growth. Proficient in data analysis and visualization using advanced tools such as SQL, Power BI, Oracle Cloud, and Tableau to enable data-driven decision-making and streamline operations. Demonstrated success in managing data migration and transformation projects, ensuring data integrity, and achieving compliance with SOX and HIPAA regulations. Experienced in leading Agile/Scrum and Waterfall projects, developing BRDs, FRDs, and user stories to meet stakeholder expectations and align IT solutions with business objectives. Skilled in risk management and process improvement, utilizing data-driven strategies to identify opportunities, reduce costs, and mitigate risks. Known for exceptional collaboration and communication skills, bridging the gap between business and technical teams to achieve project goals. Adept at working with cross-functional teams and performing data wrangling and mining using SQL and Python for in-depth analysis of structured and unstructured data sources.

Professional Experience

Northern Trust, USA | Business Analyst | Jan 2024 – Current

- **Facilitated requirement-gathering sessions** with stakeholders to understand business needs, translating them into detailed **BRDs** and **FRD**s for system enhancements and new financial tools.
- Developed and implemented financial reporting dashboards using **Power BI** and **Tableau**, providing actionable insights into key financial metrics and supporting strategic **decision-making**.
- Analyzed financial data through **SQL** queries to identify trends, anomalies, and opportunities for process improvement, contributing to a 20% reduction in operational costs.
- Managed **data migration projects,** ensuring data integrity through meticulous **Data Mapping** and **Data Modeling**, and adhering to **SOX compliance** standards.
- Partnered with data engineering teams in data wrangling, manipulation, and data mining of structured and unstructured data from multiple data sources using SQL and Python.
- Created comprehensive **data visualizations** to communicate complex financial information clearly to stakeholders, aiding in enhanced decision-making and performance tracking.
- Conducted risk assessments and SWOT analyses to identify potential risks and opportunities, implementing strategies that reduced financial risk exposure by 15%.
- Coordinated User Acceptance Testing (UAT) for financial applications, developing test cases and overseeing execution to ensure system functionality and reduce post-launch issues by 20%.

Mphasis, India | Business Analyst | Jun 2017 – Dec 2021

- **Led requirement-gathering** sessions with healthcare professionals to capture and document business requirements, creating BRDs and FRDs that aligned with clinical workflows and regulatory standards.
- Implemented a new EHR system by coordinating with cross-functional teams and integrating data from Oracle Cloud and **Epic Systems**, enhancing patient care efficiency by 25%.
- Performed detailed data analysis using SQL and **Power BI**, providing insights that led to a 20% improvement in care quality and a reduction in administrative workload.
- Managed the migration of healthcare data, ensuring accurate data transfer and compliance with **HIPAA** regulations through the use of Informatica.
- Developed real-time **ETL** pipelines with **Databricks**, enabling scalable data processing and analytics to support effective healthcare reporting.
- Directed the deployment of a patient management system, improving service delivery and patient access through data integration and analysis.
- Conducted UAT for EHR systems, identifying and resolving issues pre-launch to minimize post-implementation support needs by 15%.
- Utilized JIRA and Confluence for documenting process improvements, managing project timelines, and tracking changes, contributing to reduced patient wait times and increased satisfaction.

Skills

- **Methodologies:** SDLC, Agile/Scrum, Waterfall
- **Data Analysis & Visualization:** SQL, Power BI, Tableau, Qlik
- **ETL Tools:** SSIS, Informatica, Databricks
- **Data Warehousing:** Data Marts, Data Lakes, Data Modeling, Data Mapping, ETL
- **Documentation:** FRD, BRD, SRS, User Stories, Process Flow Diagrams
- **Tools & Platforms:** Microsoft Visio, JIRA, Confluence, Slack, Teams, Google Workspace
- **Regulatory Compliance:** SOX, HIPAA
- **Process Analysis Tools:** FMED, 6S, Fishbone, Kanban, PDCA, Poka-yoke, Gantt Chart, TPM, SPC
- **Healthcare & Imaging:** DICOM, MRI Image Processing
- **Operating Systems:** Windows, Linux
- **Soft Skills:** Problem-Solving, Critical Thinking, Business Acumen, Stakeholder Management, Analytical Thinking, Design Thinking

Education

MS in Computer Science | Florida International University, Miami, FL, USA | Jan 2022 – Dec 2023

B.E. in Computer Science | Sri Vasavi Engineering College, Pedatadepalli, India | Jul 2017 – Jul 2021